

Comparisons of Job Characteristics

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Economics and Accounting	4.4	19.2	17.1	<	Expanded education and/or training may be required
Mathematics	9.2	13.9	24.8	>>	Current knowledge level is likely more than sufficient
Computers and Electronics	8.4	12.5	15.9	>>	Current knowledge level is likely more than sufficient
Administration and Management	8.4	12.3	12.3	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	6.2	11.8	17.2	>>	Skill level is likely more than sufficient
Systems Analysis	6.5	10.4	14.4	>>	Skill level is likely more than sufficient
Systems Evaluation	6.4	9.4	14.4	>>	Skill level is likely more than sufficient
Operations Analysis	5.0	7.8	10.1	>	Skill level is likely sufficient
Management of Financial Resources	3.3	6.0	10.3	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Written Comprehension	11.0	14.6	15.2	0	Current ability level may be sufficient
Number Facility	6.3	13.3	17.0	>>	Current ability level is likely more than sufficient
Mathematical Reasoning	6.3	13.2	17.3	>>	Current ability level is likely more than sufficient
Deductive Reasoning	10.6	13.0	15.5	>	Current ability level is likely sufficient
Near Vision	11.1	12.7	14.1	>	Current ability level is likely sufficient
Information Ordering	9.9	11.6	12.6	0	Current ability level may be sufficient
Category Flexibility	9.0	11.1	12.0	0	Current ability level may be sufficient
Speed of Closure	5.9	7.5	7.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

Work Activities	Exclusivity of Activity
Advise clients on financial matters	77
Evaluate degree of financial risk	82
Make presentations on financial matters	84
Use spreadsheet software	18

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Accountants and Auditors (13-2011)

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Computers	1
Content authoring and editing software	1

Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.